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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

CHEN et al.

Atty. Ref.: 2476-37

Serial No. 10/730,381

TC/A.U.: 1756

Filed: 09 December 2003

Examiner:

For: PROGRAMMABLE PHOTOLITHOGRAPHIC MASK BASED ON  
SEMICONDUCTOR NANO-PARTICLE OPTICAL MODULATORS

\* \* \* \* \*

April 7, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with Rule 97, the undersigned attorney submits the documents listed on the attached form PTO-1449. A copy of each listed document other than U.S. patents is enclosed. Also listed is a document recently cited in an International Search Report in a counterpart foreign application. A copy of the search report is enclosed. The Examiner is requested to initial the attached form PTO-1449 and to return a copy as an indication that the listed documents have been considered and made of record in this case.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

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INFORMATION DISCLOSURE  
CITATION

ATTY. DOCKET NO.

2476-37

APPLICANT

CHEN et al.

FILING DATE

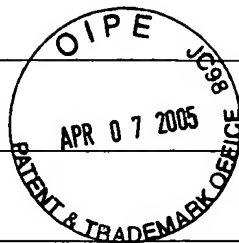
09 December 2003

SERIAL NO.

10/730,381

TC/A.U.

1756



(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,253,728	09/2001	Venkatesan et. al.			
	10/703,075	11/2003	Z.Y. Chen et. Al (abandoned)			
	US 6,291,110	09/2001	Cooper et al.			
	10/703,074	11/2003	Chen et.al. (abandoned)			
	2003/0129545	07/2003	Kik et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Al.L Efros, et al., "Interband absorption of light in a semiconductor sphere," Sov. Phys. Semicon., 16:772-78 (July 1982).
	L.E. Brus, J. Chem. Phys., 79(11), "A simple model for the ionization potential, electron affinity, and aqueous redox potentials of small semiconductor crystallites," 5566-71 (12/1/1983)
	A. Kornowski, et al., "Preparation and Photophysics of Strongly Luminescing Cd <sub>3</sub> P <sub>2</sub> Quantum Dots", J. Phys. Chem, 1996, 100: 12467-71.
	C.B. Murray, et al., "Sythesis and Characterization of Monodisperse Nanocrystals and Closed-Packed Nanocrystal Assemblies," Annu. Rev. Mater. Sci., 30:545-610 (2000).
*	S. Nomura, et al., "Clearly resolved exciton peaks in CdS <sub>x</sub> Se <sub>1-x</sub> microcrystallites by modulation spectroscopy", Sol. Stat. Comm., 73: 425-9 (1990).

\* document not available

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.